## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref #      | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|--------------------|---------------------|---------|---------------------|
| S2         | 1    | "5796730".pn.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>18:30 |
| S3         | 1206 | 370/337.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:29 |
| S4         | 153  | inter\$station near S1<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:32 |
| S5         | 1    | S3 and S4  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:32 |
| <b>S</b> 6 | 1    | inter\$station near2<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:34 |
| S8         | 808  | DSRC "dedicated short<br>\$range communication<br>system"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:34 |
| S10        | 3    | (DSRC "dedicated short<br>\$range communication<br>system")and inter<br>\$1 station  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:35 |
| S11        | 150  | inter\$1station near2<br>communication   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:36 |
| S12        | 35   | inter\$1station near2<br>communication and TDMA  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:36 |
| S13        | 39   | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")<br>and (MSC "mobile<br>switching center"<br>"communication control<br>station") | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/12<br>19:44 |
| S14        | 1206 | 370/337.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/13<br>10:23 |
| S15        | 1    | "short-range<br>communication" and<br>"turnaround processing"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/13<br>10:40 |
| S16        | 1    | dsrc and "turnaround<br>processing"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/06/13<br>10:41 |

| S18 | 28   | turn\$around same time<br>same tdma  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/13<br>10:46 |
|-----|------|--|----------------------|----|----|---------------------|
| S19 | 7    | "ARIB STD-T75"   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/13<br>10:49 |
| S20 | 610  | dedicat\$2 adj short adj<br>range adj communication  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/13<br>10:55 |
| S22 | 3385 | 370/315-327.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>08:31 |
| S23 | 1607 | (message adj control adj<br>station MCS) and base adj<br>station and mobile adj<br>station                                       | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>08:42 |
| S24 | 39   | S22 and S23  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>08:42 |
| S25 | 2    | inter\$base adj station with frame adj synchronization and TDMA  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>13:45 |
| S27 | 1646 | frame adj synchroni\$6 and<br>TDMA   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>13:54 |
| S29 | 185  | S27 and S22 and pd@<=<br>"20040912"  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>13:55 |
| S30 | 15   | control\$4 adj station with<br>(base\$station "base<br>station") and TDMA and<br>frame adj sync\$10                              | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>16:14 |
| S32 | 4    | control\$4 adj station and<br>(base\$station "base<br>station") and TDMA and<br>time adj delay adj adjust<br>\$4                 | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>16:57 |
| S33 | 1    | 11/073002  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>17:21 |
| S34 | 4    | control\$4 adj station and (base\$station "base station") and TDMA and ((time adj delay adj adjust \$4) (propogation adj delay)) | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>19:00 |
| S38 | 9    | TDMA and propogation near2 delay   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/16<br>19:02 |
| S39 | 1208 | 370/337.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>11:25 |
| S40 | 1208 | S39 and 370/337,347,310. ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>11:25 |
| S41 | 3381 | S39 370/337,347,310.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>11:26 |
| S45 | 23   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2008/06/17<br>13:11 |

| S46 | 178  | ((HITOSHI) near2<br>(TAKAI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2008/06/17<br>13:28 |
|-----|------|---|----------------------|----|----|---------------------|
| S47 | 6    | 10/999206   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>14:11 |
| S48 | 1208 | 370/337.ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>15:22 |
| S49 | 3381 | S48 370/337,347,310.ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>15:22 |
| S50 | 4175 | ((time propogation<br>transmit-after-receive) adj<br>(delay\$2 adjustment)) and<br>TDMA   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>15:29 |
| S53 | 202  | S49 and S50 and (ARIB<br>Association of Radio<br>Industries and<br>Broadcasting)  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>15:48 |
| S56 | 8    | S49 and S50 and (ARIB<br>"Association of Radio<br>Industries and<br>Broadcasting")  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>15:51 |
| S57 | 527  | base adj station and<br>TDMA and frame adj sync<br>\$10   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>18:16 |
| S58 | 232  | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>18:30 |
| S59 | 83   | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")<br>and tdma                                    | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/17<br>18:31 |
| S60 | 221  | repeater and tdma and<br>(frame adj sync\$11)   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/24<br>18:09 |
| S61 | 1    | inter\$station near<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>09:28 |
| S62 | 85   | (DSRC "dedicated short<br>\$range communication<br>system") and TDMA and<br>(base\$1station (base adj<br>station)) and control                        | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>09:32 |
| S63 | 74   | (DSRC "dedicated short<br>\$range communication<br>system") and TDMA and<br>(base\$1station (base adj<br>station)) and control and<br>synchronization | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>09:46 |

| S64 | 419  | (DSRC "dedicated short<br>\$range communication<br>system" short\$1range)<br>and TDMA and (base<br>\$1station (base adj<br>station)) and control and<br>synchronization | US-PGPUB;<br>USPAT | OR | ON | 2008/06/25<br>09:52 |
|-----|------|---|--------------------|----|----|---------------------|
| S65 | 27   | ((base adj station) base<br>\$station) and (repeater<br>(control adj station)) and<br>(mobile cell\$4 wireless<br>radio) and TDMA and<br>packet adj response            | US-PGPUB;<br>USPAT | OR | ON | 2008/06/25<br>10:03 |
| S66 | 49   | ((base adj station) base<br>\$station) and (repeater<br>(control adj station)) and<br>(mobile cell\$4 wireless<br>radio) and TDMA and<br>packet near2 response          | US-PGPUB;<br>USPAT | OR | ON | 2008/06/25<br>10:24 |
| S67 | 153  | ((base adj station) base<br>\$station) and (repeater<br>(control adj station) MSC)<br>and (mobile cell\$4<br>wireless radio) and TDMA<br>and packet near2<br>response   | US-PGPUB;<br>USPAT | OR | ON | 2008/06/25<br>12:39 |
| S68 | 1037 | ((base adj station) base<br>\$station) and (repeater<br>(control adj station) MSC)<br>and TDMA and ((packet<br>near2 response) ((time<br>paket) adj delay))             | US-PGPUB;<br>USPAT | OR | ON | 2008/06/25<br>13:19 |
| S69 | 1048 | ((base adj station) base<br>\$station BSC) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay))      | US-PGPUB;<br>USPAT | OR | ON | 2008/06/25<br>13:33 |
| S70 | 1059 | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay))  | US-PGPUB;<br>USPAT | OR | ON | 2008/06/25<br>13:33 |

| S71 | 556  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay)) and<br>synchronization               | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>13:35 |
|-----|------|---|----------------------|----|----|---------------------|
| S72 | 667  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay)) and synchroniz<br>\$5                | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>13:35 |
| S73 | 1    | dsrc and turn\$around   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>15:13 |
| S74 | 23   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.  | EPO; JPO;<br>DERWENT | OR | ON | 2008/06/25<br>15:20 |
| S75 | 806  | (((((base adj station) base<br>\$station) control\$4) BSC<br>BTS) and (repeater<br>(control adj station) MSC)<br>and TDMA and ((packet<br>near2 response) ((time<br>paket) adj delay)) and<br>synchroniz\$5 | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>16:36 |
| S76 | 178  | ((HITOSHI) near2<br>(TAKAI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2008/06/25<br>16:41 |
| S77 | 16   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>17:33 |
| S78 | 35   | ((HITOSHI) near2<br>(TAKAI)).INV.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>17:35 |
| S79 | 694  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time packet<br>roundtrip) adj delay)) and<br>synchroniz\$5      | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>18:21 |
| S80 | 1066 | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay) (roundtrip adj<br>delay))             | US-PGPUB;<br>USPAT   | OR | ON | 2008/06/25<br>18:22 |

| S81  | 1067 | ((base adj station) base<br>\$station BSC BTS rof<br>(radio adj over adj fiber))<br>and (repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay) (roundtrip adj<br>delay)) | US-PGPUB;<br>USPAT        | OR | ON | 2008/06/25<br>18:26 |
|------|------|---|---------------------------|----|----|---------------------|
| S82  | 11   | ("3879580"   "4129755"  <br>"4513416"   "4714899"  <br>"4763322"   "4765753"  <br>"4800560"   "4947452"  <br>"4955082"   "4972410"  <br>"4972506").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/06/30<br>16:57 |
| S83  | 2724 | TDMA and repeater   | US-PGPUB;<br>USPAT        | OR | ON | 2008/06/30<br>17:13 |
| S84  | 664  | TDMA and repeater and delay near2 time  | US-PGPUB;<br>USPAT        | OR | ON | 2008/06/30<br>17:13 |
| S85  | 497  | TDMA and repeater and delay near2 time and sync \$11  | US-PGPUB;<br>USPAT        | OR | ON | 2008/06/30<br>17:14 |
| S86  | 310  | TDMA and frame near2 synch\$11 and PLL  | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>10:05 |
| S87  | 273  | TDMA and response adj<br>packet   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>13:28 |
| S88  | 6    | TDMA and frame near2 synch\$11 and PLL and response adj packet  | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>13:29 |
| S89  | 91   | TDMA and response adj<br>packet and payload   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>13:38 |
| S94  | 958  | 370/471,476.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>14:47 |
| S95  | 273  | TDMA and response adj<br>packet   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>14:48 |
| S96  | 2    | S95 and S94   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>14:48 |
| S97  | 2    | TDMA and response adj<br>packet near2 base adj<br>station   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>16:04 |
| S103 | 1    | "7039851".pn.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/01<br>16:53 |
| S104 | 1996 | TDMA and frame near2 sync\$12 and phase   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/02<br>09:56 |
| S106 | 644  | TDMA and frame near2 sync and phase   | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/02<br>09:56 |
| S107 | 505  | TDMA and frame adj sync<br>and phase  | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/02<br>09:57 |

| S108 | 1307 | TDMA and frame adj (sync synchronization synchronisation) and phase  | US-PGPUB;<br>USPAT | OR | ON | 2008/07/02<br>10:00 |
|------|------|--|--------------------|----|----|---------------------|
| S109 | 441  | TDMA and (frame adj<br>(sync synchronization<br>synchronisation)) and<br>("phase lock loop" PLL)   | US-PGPUB;<br>USPAT | OR | ON | 2008/07/02<br>10:01 |
| S110 | 1    | "5796730".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S111 | 1268 | 370/337.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S115 | 1    | inter\$station near2<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S116 | 928  | DSRC "dedicated short<br>\$range communication<br>system"  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S117 | 3    | (DSRC "dedicated short<br>\$range communication<br>system")and inter<br>\$1station   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S118 | 152  | inter\$1station near2<br>communication   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S119 | 35   | inter\$1station near2 communication and TDMA   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S120 | 49   | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")<br>and (MSC "mobile<br>switching center"<br>"communication control<br>station") | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S121 | 1268 | 370/337.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S122 | 1    | "short-range<br>communication" and<br>"turnaround processing"  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S123 | 1    | dsrc and "turnaround processing"   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S124 | 28   | turn\$around same time<br>same tdma  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S125 | 9    | "ARIB STD-T75"   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S126 | 699  | dedicat\$2 adj short adj<br>range adj communication  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |

| S127 | 3654 | 370/315-327.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
|------|------|--|----------------------|----|----|---------------------|
| S128 | 1788 | (message adj control adj<br>station MCS) and base adj<br>station and mobile adj<br>station                                       | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S129 | 47   | S127 and S128  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S130 | 2    | inter\$base adj station with frame adj synchronization and TDMA  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S131 | 1727 | frame adj synchroni\$6 and TDMA  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S132 | 190  | S131 and S127 and pd@<= "20040912"   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S133 | 15   | control\$4 adj station with<br>(base\$station "base<br>station") and TDMA and<br>frame adj sync\$10                              | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S134 | 4    | control\$4 adj station and<br>(base\$station "base<br>station") and TDMA and<br>time adj delay adj adjust<br>\$4                 | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S135 | 2    | 11/073002  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S136 | 4    | control\$4 adj station and (base\$station "base station") and TDMA and ((time adj delay adj adjust \$4) (propogation adj delay)) | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S137 | 9    | TDMA and propogation near2 delay   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S138 | 1268 | 370/337.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S139 | 1268 | S138 and 370/337,347,310.ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S140 | 3694 | S138 370/337,347,310.<br>ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S141 | 23   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2008/12/04<br>13:46 |
| S142 | 178  | ((HITOSHI) near2<br>(TAKAI)).INV.  | EPO; JPO;<br>DERWENT | OR | ON | 2008/12/04<br>13:46 |
| S143 | 6    | 10/999206  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S144 | 1268 | 370/337.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |

| S145 | 3694 | S144 370/337,347,310.<br>ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
|------|------|---|--------------------|----|----|---------------------|
| S146 | 4484 | ((time propogation<br>transmit-after-receive) adj<br>(delay\$2 adjustment)) and<br>TDMA   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S147 | 217  | S145 and S146 and (ARIB<br>Association of Radio<br>Industries and<br>Broadcasting)  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S148 | 8    | S145 and S146 and (ARIB<br>"Association of Radio<br>Industries and<br>Broadcasting")  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S149 | 538  | base adj station and<br>TDMA and frame adj sync<br>\$10   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S150 | 269  | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S151 | 108  | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")<br>and tdma  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S152 | 228  | repeater and tdma and (frame adj sync\$11)  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S153 | 1    | inter\$station near<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S154 | 107  | (DSRC "dedicated short<br>\$range communication<br>system") and TDMA and<br>(base\$1station (base adj<br>station)) and control  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S155 | 96   | (DSRC "dedicated short<br>\$range communication<br>system") and TDMA and<br>(base\$1station (base adj<br>station)) and control and<br>synchronization                   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S156 | 476  | (DSRC "dedicated short<br>\$range communication<br>system" short\$1range)<br>and TDMA and (base<br>\$1station (base adj<br>station)) and control and<br>synchronization | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |

| S157 | 28   | ((base adj station) base<br>\$station) and (repeater<br>(control adj station)) and<br>(mobile cell\$4 wireless<br>radio) and TDMA and<br>packet adj response                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
|------|------|---|--------------------|----|----|---------------------|
| S158 | 53   | ((base adj station) base<br>\$station) and (repeater<br>(control adj station)) and<br>(mobile cell\$4 wireless<br>radio) and TDMA and<br>packet near2 response                                | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S159 | 166  | ((base adj station) base<br>\$station) and (repeater<br>(control adj station) MSC)<br>and (mobile cell\$4<br>wireless radio) and TDMA<br>and packet near2<br>response                         | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S160 | 1104 | ((base adj station) base<br>\$station) and (repeater<br>(control adj station) MSC)<br>and TDMA and ((packet<br>near2 response) ((time<br>paket) adj delay))                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S161 | 1115 | ((base adj station) base<br>\$station BSC) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay))                            | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S162 | 1126 | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay))                        | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |
| S163 | 594  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay)) and<br>synchronization | US-PGPUB;<br>USPAT | OR | ON | 2008/12/04<br>13:46 |

| S164 | 710  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay)) and synchroniz<br>\$5                                      | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
|------|------|---|----------------------|----|----|---------------------|
| S165 | 1    | dsrc and turn\$around   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S166 | 23   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.  | EPO; JPO;<br>DERWENT | OR | ON | 2008/12/04<br>13:46 |
| S167 | 855  | ((((base adj station) base \$station) control\$4) BSC BTS) and (repeater (control adj station) MSC) and TDMA and ((packet near2 response) ((time paket) adj delay)) and synchroniz\$5   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S168 | 178  | ((HITOSHI) near2<br>(TAKAI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2008/12/04<br>13:46 |
| S169 | 19   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.  | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S170 | 41   | ((HITOSHI) near2<br>(TAKAI)).INV.   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S171 | 738  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time packet<br>roundtrip) adj delay)) and<br>synchroniz\$5                            | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S172 | 1134 | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay) (roundtrip adj<br>delay))                                   | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |
| S173 | 1135 | ((base adj station) base<br>\$station BSC BTS rof<br>(radio adj over adj fiber))<br>and (repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay) (roundtrip adj<br>delay)) | US-PGPUB;<br>USPAT   | OR | ON | 2008/12/04<br>13:46 |

| S174 | 11   | ("3879580"   "4129755"  <br>"4513416"   "4714899"  <br>"4763322"   "4765753"  <br>"4800560"   "4947452"  <br>"4955082"   "4972410"  <br>"4972506").PN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/12/04<br>13:46 |
|------|------|--|---------------------------|----|----|---------------------|
| S175 | 2909 | TDMA and repeater  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S176 | 691  | TDMA and repeater and delay near2 time   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S177 | 517  | TDMA and repeater and delay near2 time and sync \$11   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S178 | 321  | TDMA and frame near2 synch\$11 and PLL   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S179 | 302  | TDMA and response adj<br>packet  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S180 | 6    | TDMA and frame near2<br>synch\$11 and PLL and<br>response adj packet   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S181 | 104  | TDMA and response adj<br>packet and payload  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S182 | 1018 | 370/471,476.ccls.  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S183 | 302  | TDMA and response adj<br>packet  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S184 | 2    | S183 and S182  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S185 | 2    | TDMA and response adj<br>packet near2 base adj<br>station  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S186 | 1    | "7039851".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S187 | 2100 | TDMA and frame near2 sync\$12 and phase  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S188 | 675  | TDMA and frame near2 sync and phase  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S189 | 531  | TDMA and frame adj sync<br>and phase   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S190 | 1376 | TDMA and frame adj (sync synchronization synchronisation) and phase  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |
| S191 | 464  | TDMA and (frame adj<br>(sync synchronization<br>synchronisation)) and<br>("phase lock loop" PLL)   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/04<br>13:46 |

| S192 | 2    | "US 20070025316"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | OR | ON | 2008/12/04<br>19:14 |
|------|------|--|---------------------------------------|----|----|---------------------|
| S193 | 1    | inter\$station near<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA   | US-PGPUB;<br>USPAT                    | OR | ON | 2008/12/05<br>17:15 |
| S194 | 1    | "5796730".pn.  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S195 | 1334 | 370/337.ccls.  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S196 | 4    | viniotis.inv.  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S197 | 210  | inter\$station near S196<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S198 | 1    | S195 and S197  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S199 | 1    | inter\$station near2<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S200 | 1022 | DSRC "dedicated short<br>\$range communication<br>system"  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S201 | 3    | (DSRC "dedicated short<br>\$range communication<br>system")and inter<br>\$1 station  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S202 | 154  | inter\$1station near2<br>communication   | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S203 | 35   | inter\$1station near2<br>communication and TDMA  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S204 | 53   | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")<br>and (MSC "mobile<br>switching center"<br>"communication control<br>station") | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S205 | 1334 | 370/337.ccls.  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |
| S206 | 1    | "short-range<br>communication" and<br>"turnaround processing"  | US-PGPUB;<br>USPAT                    | OR | ON | 2009/06/04<br>16:58 |

| S207 | 1    | dsrc and "turnaround<br>processing"  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
|------|------|--|--------------------|----|----|---------------------|
| S208 | 28   | turn\$around same time<br>same tdma  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S209 | 9    | "ARIB STD-T75"   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S210 | 773  | dedicat\$2 adj short adj<br>range adj communication  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S211 | 3928 | 370/315-327.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S212 | 2029 | (message adj control adj<br>station MCS) and base adj<br>station and mobile adj<br>station                                       | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S213 | 56   | S211 and S212  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S214 | 2    | inter\$base adj station with frame adj synchronization and TDMA  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S215 | 1804 | frame adj synchroni\$6 and<br>TDMA   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S216 | 194  | S215 and S211 and pd@<= "20040912"   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S217 | 15   | control\$4 adj station with<br>(base\$station "base<br>station") and TDMA and<br>frame adj sync\$10                              | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S218 | 4    | control\$4 adj station and<br>(base\$station "base<br>station") and TDMA and<br>time adj delay adj adjust<br>\$4                 | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S219 | 2    | 11/073002  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S220 | 4    | control\$4 adj station and (base\$station "base station") and TDMA and ((time adj delay adj adjust \$4) (propogation adj delay)) | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S221 | 9    | TDMA and propogation near2 delay   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S222 | 1334 | 370/337.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S223 | 1334 | S222 and<br>370/337,347,310.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S224 | 3969 | S222 370/337,347,310. ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |

| S225 | 23   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>16:58 |
|------|------|--|----------------------|----|----|---------------------|
| S226 | 178  | ((HITOSHI) near2<br>(TAKAI)).INV.  | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>16:58 |
| S227 | 9    | 10/999206  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S228 | 1334 | 370/337.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S229 | 3969 | S228 370/337,347,310.<br>ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S230 | 4779 | ((time propogation<br>transmit-after-receive) adj<br>(delay\$2 adjustment)) and<br>TDMA  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S231 | 228  | S229 and S230 and (ARIB<br>Association of Radio<br>Industries and<br>Broadcasting)   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S232 | 8    | S229 and S230 and (ARIB<br>"Association of Radio<br>Industries and<br>Broadcasting")   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S233 | 556  | base adj station and<br>TDMA and frame adj sync<br>\$10  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S234 | 288  | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")                         | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S235 | 117  | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")<br>and tdma             | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S236 | 234  | repeater and tdma and<br>(frame adj sync\$11)  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S237 | 1    | inter\$station near<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA                 | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S238 | 116  | (DSRC "dedicated short<br>\$range communication<br>system") and TDMA and<br>(base\$1station (base adj<br>station)) and control | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |

| S239 | 104  | (DSRC "dedicated short<br>\$range communication<br>system") and TDMA and<br>(base\$1station (base adj<br>station)) and control and<br>synchronization                   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
|------|------|---|--------------------|----|----|---------------------|
| S240 | 529  | (DSRC "dedicated short<br>\$range communication<br>system" short\$1range)<br>and TDMA and (base<br>\$1station (base adj<br>station)) and control and<br>synchronization | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S241 | 29   | ((base adj station) base<br>\$station) and (repeater<br>(control adj station)) and<br>(mobile cell\$4 wireless<br>radio) and TDMA and<br>packet adj response            | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S242 | 57   | ((base adj station) base<br>\$station) and (repeater<br>(control adj station)) and<br>(mobile cell\$4 wireless<br>radio) and TDMA and<br>packet near2 response          | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S243 | 184  | ((base adj station) base<br>\$station) and (repeater<br>(control adj station) MSC)<br>and (mobile cell\$4<br>wireless radio) and TDMA<br>and packet near2<br>response   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S244 | 1156 | ((base adj station) base<br>\$station) and (repeater<br>(control adj station) MSC)<br>and TDMA and ((packet<br>near2 response) ((time<br>paket) adj delay))             | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S245 | 1167 | ((base adj station) base<br>\$station BSC) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay))      | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S246 | 1179 | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay))  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |

| S247 | 621  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay)) and<br>synchronization               | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
|------|------|---|----------------------|----|----|---------------------|
| S248 | 746  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay)) and synchroniz<br>\$5                | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S249 | 1    | dsrc and turn\$around   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S250 | 23   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.  | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>16:58 |
| S251 | 905  | (((((base adj station) base<br>\$station) control\$4) BSC<br>BTS) and (repeater<br>(control adj station) MSC)<br>and TDMA and ((packet<br>near2 response) ((time<br>paket) adj delay)) and<br>synchroniz\$5 | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S252 | 178  | ((HITOSHI) near2<br>(TAKAI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>16:58 |
| S253 | 21   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S254 | 43   | ((HITOSHI) near2<br>(TAKAI)).INV.   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S255 | 775  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time packet<br>roundtrip) adj delay)) and<br>synchroniz\$5      | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S256 | 1187 | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay) (roundtrip adj<br>delay))             | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |

| S257 | 1188 | ((base adj station) base<br>\$station BSC BTS rof<br>(radio adj over adj fiber))<br>and (repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay) (roundtrip adj<br>delay)) | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
|------|------|---|---------------------------|----|----|---------------------|
| S258 | 11   | ("3879580"   "4129755"  <br>"4513416"   "4714899"  <br>"4763322"   "4765753"  <br>"4800560"   "4947452"  <br>"4955082"   "4972410"  <br>"4972506").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/04<br>16:58 |
| S259 | 3084 | TDMA and repeater   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S260 | 731  | TDMA and repeater and delay near2 time  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S261 | 547  | TDMA and repeater and delay near2 time and sync \$11  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S262 | 334  | TDMA and frame near2<br>synch\$11 and PLL   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S263 | 347  | TDMA and response adj<br>packet   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S264 | 8    | TDMA and frame near2 synch\$11 and PLL and response adj packet  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S265 | 123  | TDMA and response adj<br>packet and payload   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S266 | 1070 | 370/471,476.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S267 | 347  | TDMA and response adj<br>packet   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S268 | 2    | S267 and S266   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S269 | 2    | TDMA and response adj<br>packet near2 base adj<br>station   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S270 | 1    | "7039851".pn.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S271 | 2211 | TDMA and frame near2 sync\$12 and phase   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S272 | 713  | TDMA and frame near2 sync and phase   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S273 | 559  | TDMA and frame adj sync<br>and phase  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |

| S274 | 1439 | TDMA and frame adj (sync synchronization synchronisation) and phase  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
|------|------|--|--------------------|----|----|---------------------|
| S275 | 488  | TDMA and (frame adj<br>(sync synchronization<br>synchronisation)) and<br>("phase lock loop" PLL)   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S276 | 1    | "5796730".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S277 | 1334 | 370/337.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S278 | 1    | inter\$station near2<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S279 | 1022 | DSRC "dedicated short<br>\$range communication<br>system"  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S280 | 3    | (DSRC "dedicated short<br>\$range communication<br>system")and inter<br>\$1station   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S281 | 154  | inter\$1station near2<br>communication   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S282 | 35   | inter\$1station near2<br>communication and TDMA  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S283 | 53   | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")<br>and (MSC "mobile<br>switching center"<br>"communication control<br>station") | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S284 | 1334 | 370/337.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S285 | 1    | "short-range<br>communication" and<br>"turnaround processing"  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S286 | 1    | dsrc and "turnaround processing"   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S287 | 28   | turn\$around same time<br>same tdma  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S288 | 9    | "ARIB STD-T75"   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S289 | 773  | dedicat\$2 adj short adj<br>range adj communication  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |

| S290 | 3928 | 370/315-327.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
|------|------|--|----------------------|----|----|---------------------|
| S291 | 2029 | (message adj control adj<br>station MCS) and base adj<br>station and mobile adj<br>station                                       | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S292 | 56   | S290 and S291  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S293 | 2    | inter\$base adj station with frame adj synchronization and TDMA  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S294 | 1804 | frame adj synchroni\$6 and<br>TDMA   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S295 | 194  | S294 and S290 and pd@< = "20040912"  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S296 | 15   | control\$4 adj station with<br>(base\$station "base<br>station") and TDMA and<br>frame adj sync\$10                              | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S297 | 4    | control\$4 adj station and<br>(base\$station "base<br>station") and TDMA and<br>time adj delay adj adjust<br>\$4                 | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S298 | 2    | 11/073002  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S299 | 4    | control\$4 adj station and (base\$station "base station") and TDMA and ((time adj delay adj adjust \$4) (propogation adj delay)) | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S300 | 9    | TDMA and propogation near2 delay   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S301 | 1334 | 370/337.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S302 | 1334 | S301 and 370/337,347,310.ccls.   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S303 | 3969 | \$301 370/337,347,310.<br>ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S304 | 23   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>16:58 |
| S305 | 178  | ((HITOSHI) near2<br>(TAKAI)).INV.  | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>16:58 |
| S306 | 9    | 10/999206  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S307 | 1334 | 370/337.ccls.  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |

| S308 | 3969 | S307 370/337,347,310.<br>ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
|------|------|---|--------------------|----|----|---------------------|
| S309 | 4779 | ((time propogation<br>transmit-after-receive) adj<br>(delay\$2 adjustment)) and<br>TDMA   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S310 | 228  | S308 and S309 and (ARIB<br>Association of Radio<br>Industries and<br>Broadcasting)  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S311 | 8    | S308 and S309 and (ARIB<br>"Association of Radio<br>Industries and<br>Broadcasting")  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S312 | 556  | base adj station and<br>TDMA and frame adj sync<br>\$10   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S313 | 288  | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S314 | 117  | (DSRC "dedicated short<br>\$range communication<br>system") and (bsc base<br>\$station "base station")<br>and tdma  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S315 | 234  | repeater and tdma and (frame adj sync\$11)  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S316 | 1    | inter\$station near<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S317 | 116  | (DSRC "dedicated short<br>\$range communication<br>system") and TDMA and<br>(base\$1station (base adj<br>station)) and control  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S318 | 104  | (DSRC "dedicated short<br>\$range communication<br>system") and TDMA and<br>(base\$1station (base adj<br>station)) and control and<br>synchronization                   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S319 | 529  | (DSRC "dedicated short<br>\$range communication<br>system" short\$1range)<br>and TDMA and (base<br>\$1station (base adj<br>station)) and control and<br>synchronization | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |

| S320 | 29   | ((base adj station) base<br>\$station) and (repeater<br>(control adj station)) and<br>(mobile cell\$4 wireless<br>radio) and TDMA and<br>packet adj response                                  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
|------|------|---|--------------------|----|----|---------------------|
| S321 | 57   | ((base adj station) base<br>\$station) and (repeater<br>(control adj station)) and<br>(mobile cell\$4 wireless<br>radio) and TDMA and<br>packet near2 response                                | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S322 | 184  | ((base adj station) base<br>\$station) and (repeater<br>(control adj station) MSC)<br>and (mobile cell\$4<br>wireless radio) and TDMA<br>and packet near2<br>response                         | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S323 | 1156 | ((base adj station) base<br>\$station) and (repeater<br>(control adj station) MSC)<br>and TDMA and ((packet<br>near2 response) ((time<br>paket) adj delay))                                   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S324 | 1167 | ((base adj station) base<br>\$station BSC) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay))                            | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S325 | 1179 | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay))                        | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |
| S326 | 621  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay)) and<br>synchronization | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>16:58 |

| S327 | 746  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay)) and synchroniz<br>\$5                                      | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
|------|------|---|----------------------|----|----|---------------------|
| S328 | 1    | dsrc and turn\$around   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S329 | 23   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.  | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>16:58 |
| S330 | 905  | ((((base adj station) base \$station) control\$4) BSC BTS) and (repeater (control adj station) MSC) and TDMA and ((packet near2 response) ((time paket) adj delay)) and synchroniz\$5   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S331 | 178  | ((HITOSHI) near2<br>(TAKAI)).INV.   | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>16:58 |
| S332 | 21   | ((HIDETOSHI) near2<br>(YAMASAKI)).INV.  | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S333 | 43   | ((HITOSHI) near2<br>(TAKAI)).INV.   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S334 | 775  | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time packet<br>roundtrip) adj delay)) and<br>synchroniz\$5                            | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S335 | 1187 | ((base adj station) base<br>\$station BSC BTS) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay) (roundtrip adj<br>delay))                                   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S336 | 1188 | ((base adj station) base<br>\$station BSC BTS rof<br>(radio adj over adj fiber))<br>and (repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket)<br>adj delay) (roundtrip adj<br>delay)) | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |

| S337 | 11   | ("3879580"   "4129755"  <br>"4513416"   "4714899"  <br>"4763322"   "4765753"  <br>"4800560"   "4947452"  <br>"4955082"   "4972410"  <br>"4972506").PN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/04<br>16:58 |
|------|------|--|---------------------------|----|----|---------------------|
| S338 | 3084 | TDMA and repeater  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S339 | 731  | TDMA and repeater and delay near2 time   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S340 | 547  | TDMA and repeater and delay near2 time and sync \$11   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S341 | 334  | TDMA and frame near2 synch\$11 and PLL   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S342 | 347  | TDMA and response adj<br>packet  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S343 | 8    | TDMA and frame near2<br>synch\$11 and PLL and<br>response adj packet   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S344 | 123  | TDMA and response adj<br>packet and payload  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S345 | 1070 | 370/471,476.ccls.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S346 | 347  | TDMA and response adj<br>packet  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S347 | 2    | S346 and S345  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S348 | 2    | TDMA and response adj<br>packet near2 base adj<br>station  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S349 | 1    | "7039851".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S350 | 2211 | TDMA and frame near2 sync\$12 and phase  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S351 | 713  | TDMA and frame near2 sync and phase  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S352 | 559  | TDMA and frame adj sync<br>and phase   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S353 | 1439 | TDMA and frame adj (sync synchronization synchronisation) and phase  | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |
| S354 | 488  | TDMA and (frame adj<br>(sync synchronization<br>synchronisation)) and<br>("phase lock loop" PLL)   | US-PGPUB;<br>USPAT        | OR | ON | 2009/06/04<br>16:58 |

| S355 | 2   | "US 20070025316"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                          | OR | ON | 2009/06/04<br>16:58 |
|------|-----|--|--|----|----|---------------------|
| S356 | 1   | inter\$station near<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>16:58 |
| S357 | 2   | "5920557".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/05<br>15:36 |
| S358 | 2   | "5473668".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/05<br>16:37 |
| S359 | 48  | ("3879580"   "4129755"  <br>"4513416"   "4714899"  <br>"4763322"   "4765753"  <br>"4800560"   "4947452"  <br>"4955082"   "4972410"  <br>"4972506").PN. OR<br>("5293380").URPN. | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/06/05<br>16:45 |
| S360 | 2   | "5613211".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/05<br>17:08 |
| S361 | 11  | ("3879580"   "4129755"  <br>"4513416"   "4714899"  <br>"4763322"   "4765753"  <br>"4800560"   "4947452"  <br>"4955082"   "4972410"  <br>"4972506").PN.                         | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/12/15<br>19:02 |
| S362 | 620 | TDMA and synchroniz\$6<br>and padding  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/15<br>19:07 |
| S363 | 317 | TDMA and synchroniz\$6<br>and padding and<br>@ad<"20031210"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/15<br>19:08 |
| S364 | 559 | (TDMA (time adj division))<br>and (synchroniz\$6 align<br>\$4) and ((padding dummy<br>filler) near2 data) and<br>@ad<"20031210"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/15<br>19:09 |

## **EAST Search History (Interference)**

| Ref # | Hits | Search Query   | DBs            | Default<br>Operator | Plurals | Time Stamp       |
|-------|------|--|----------------|---------------------|---------|------------------|
| S365  | 60   | inter\$station near "S1"<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA  | USPAT;<br>UPAD | OR                  | ON      | 2009/12/18 09:23 |
| S366  | 215  | TDMA and synchroniz\$6 and padding and @ad< "20031210"   | USPAT;<br>UPAD | OR                  | ON      | 2009/12/18 09:23 |
| S367  | 0    | inter\$station near<br>transmission and (DSRC<br>"dedicated short\$range<br>communication system")<br>and TDMA   | USPAT;<br>UPAD | OR                  | ON      | 2009/12/18 09:24 |
| S368  | 48   | ("3879580"   "4129755"  <br>"4513416"   "4714899"  <br>"4763322"   "4765753"  <br>"4800560"   "4947452"  <br>"4955082"   "4972410"  <br>"4972506").PN. OR<br>("5293380").URPN.   | USPAT;<br>UPAD | OR                  | ON      | 2009/12/18 09:24 |
| S369  | 917  | TDMA and frame adj (sync synchronization synchronisation) and phase  | USPAT;<br>UPAD | OR                  | ON      | 2009/12/18 09:24 |
| S370  | 0    | TDMA and response adj<br>packet near2 base adj<br>station  | USPAT;<br>UPAD | OR                  | ON      | 2009/12/18 09:24 |
| S371  | 192  | TDMA and response adj<br>packet  | USPAT;<br>UPAD | OR                  | ON      | 2009/12/18 09:24 |
| S372  | 696  | ((base adj station) base<br>\$station BSC BTS rof (radio<br>adj over adj fiber)) and<br>(repeater (control adj<br>station) MSC) and TDMA<br>and ((packet near2<br>response) ((time paket) adj<br>delay) (roundtrip adj delay)) | USPAT;<br>UPAD | OR                  | ON      | 2009/12/18 09:24 |

12/18/2009 10:59:18 AM

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